Movie Ticket Booking

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Perspective

Movie ticket booking is a web-application for particular theater. with the use of application user can save or modify the Screen details and Movie details and Manage the movie shows and book one or many seats at one time.

Features of application
- Add/Update/Delete Screen
- Add/Update/Delete Movie
- Add Movie Shows
- Book tickets
- Based on number shows it will generate dynamically web-forms.

Work Screen-shots

1. Add Screen

:-Using this form Admin can Add screen details.

Add Movie	set movie Show	Add Screens	Movie list	Book Seats

Add Screen

Screen Name:

Screen1

Platinium Seats :

30

Silver Seats :

30

Gold Seats :

10

Submit

2. Screen List:

:-It show's the list of total Screens.

Add Movie	set movie Show	Add Screens	Movie list	Book Seats

Screen List

Number	Screen Name	Action
3	Screen 1	EDIT DELETE
4	screen 2	EDIT DELETE

Add new

3.Screen Update.

:- Using this form Admin can modify the particular screen.

Update Screen

Screen Name:

screen 3

Platinium Seats :

10

Silver Seats :

10

Gold Seats :

10

Submit

4.Screen Delete

:-Admin can delete particular Screen.

Add Movie	set movie Show	Add Screens	Movie list	Book Seats

Screen List

Number	Screen Name	Action
3	Screen 1	EDIT DELETE

Add new

5.Add Movie

:-Using this form Admin can add a movie details.

| Add Movie | set movie Show | Add Screens | Movie list | Book Seats |

Add Movie

Name :

Simba

DurationTime :

2:30:00

Choose file...   Browse

Rate :

5

Cast :

Ranveer Singh

Submit

6. Movie List

:-List of the Movies.

Movie List

Simba
Ranveer Singh
EDIT || DELETE

Uri: The Surgical Strike
Vicky Kaushal , yami gautam
EDIT || DELETE

7. Movie Edit

:-Update movie form.

Edit Movie

Name :

| Uri: The Surgical Strike |

DurationTime :

| 2:45:00 |

| Choose file... | Browse |

Rate :

| 5 |

Cast :

| Vicky Kaushal , yami gautam |

Submit

8. Updated Movie List

:-Updated movie List.

Movie List

Simba
Ranveer Singh
EDIT || DELETE

Uri: The Surgical Strike
Vicky Kaushal , yami gautam
EDIT || DELETE

9. Set Movie Shows.

:-Using this form user can organize the total show of particular movie.

:- Also define the total number of shows.

:- Based on the total number of shows in next page generate dynamically web-forms for register show-details.

Add Movie	set movie Show	Add Screens	Movie list	Book Seats

set Movie

Movie Name :

Uri: The Surgical Strike ▾

totalShow

2

date

01/30/2019

screen

Screen1 ▾

Submit

10. Add Shows Forms

:-Dynamically generate the show-details forms.

Add show

Show 1

Movie Name:		Screen Id:
2		1

Date:		Show time:
01/30/2019		--:-- --

Platinium Price:	Silver Price:	Gold Price:

Show 2

Movie Name:		Screen Id:
2		1

Date:		Show time:
01/30/2019		--:-- --

Platinium Price:	Silver Price:	Gold Price:

submit

11. Dynamically Add Shows

:-if user want to set 3 shows then it will be generate 3 web-forms.

Show 1

Movie Name:	Screen Id:
2	1

Date:	Show time:
01/30/2019	--:-- --

Platinium Price:	Silver Price:	Gold Price:

Show 2

Movie Name:	Screen Id:
2	1

Date:	Show time:
01/30/2019	--:-- --

Platinium Price:	Silver Price:	Gold Price:

Show 3

Movie Name:	Screen Id:
2	1

Date:	Show time:
01/30/2019	--:-- --

Platinium Price:	Silver Price:	Gold Price:

12. Show Add

:-Each and every show-details have different tickets price.

Add show

Show 1

Movie Name:		Screen Id:
2		1

Date:		Show time:
01/30/2019		10:00 AM

Platinium Price:	Silver Price:	Gold Price:
350	250	200

Show 2

Movie Name:		Screen Id:
2		1

Date:		Show time:
01/30/2019		02:00 PM

Platinium Price:	Silver Price:	Gold Price:
550	500	450

submit

13.Total Shows

:-total number of the Shows.

Total Shows

Book

2019-01-30 Uri: The Surgical Strike

Book

2019-01-30 Uri: The Surgical Strike

14.Book seat Show wise

:-user can click on the particular show and see the total available seats.

Platinium Seats

p1	p2	p3	p4	p5	p6	p7	p8
p9	p10	p11	p12	p13	p14	p15	p16
p17	p18	p19	p20	p21	p22	p23	p24
p25	p26	p27	p28	p29	p30		

Silver Seats

s1	s2	s3	s4	s5	s6	s7	s8
s9	s10	s11	s12	s13	s14	s15	s16
s17	s18	s19	s20	s21	s22	s23	s24
s25	s26	s27	s28	s29	s30		

Gold Seats

g1	g2	g3	g4	g5	g6	g7	g8
g9	g10						

save

15.Booking Seats

:-user can select one or many seats at one time.

Platinium Seats

booked	booked	booked	booked	p5	p6	p7	p8
p9	p10	p11	p12	p13	p14	p15	p16
p17	p18	p19	p20	p21	p22	p23	p24
p25	p26	p27	p28	p29	p30		

Silver Seats

booked	booked	booked	booked	s5	s6	s7	s8
s9	s10	s11	s12	s13	s14	s15	s16
s17	s18	s19	s20	s21	s22	s23	s24
s25	s26	s27	s28	s29	s30		

Gold Seats

g1	g2	g3	g4	g5	g6	g7	g8
g9	g10						

save

16. Booked Seats

:-Its saw the total booked Seats in particular show.

| Add Movie | set movie Show | Add Screens | Movie list | Book Seats |

Platinium Seats

p1 booked	p2 booked	p3 booked	p4 booked	p5	p6	p7
p8	p9	p10	p11	p12	p13	p14	p15
p16	p17	p18	p19	p20	p21	p22	p23
p24	p25	p26	p27	p28	p29	p30	

Silver Seats

s1 booked	s2 booked	s3 booked	s4 booked	s5	s6	s7
s8	s9	s10	s11	s12	s13	s14	s15
s16	s17	s18	s19	s20	s21	s22	s23
s24	s25	s26	s27	s28	s29	s30	

Version – 2

The application is made for the online ticket booking for the movie theater.

Besides the ticket booking functionality the application is runs under the spring security features. The security features provides two modules one is ADMIN and another is USER.
The User can interact with the application by providing username and password credentials.

User can not get access to the Admin side.

Modules

1. ADMIN.

2. USER.

Features

→ Admin can add and modify the Screens data and movie data and manage the movie shows.
→ They can also book the tickets and show the total booked seats with the details.
→ They can also see the history of booking.
→ Admin have full Authorities in to the whole web application.
→ Password stored into database in bcrypt format.

→ User can register and create an account.
→ User can show the number of movie shows which are currently on.
→ User can select the particular selected date show and then enter number of total seats want to book.
→ User can get the email by the admin side with the description of the ticket booking.
→ Also user can see the description of the ticket booking.
→ At the end user can log-out.

Screen-shots
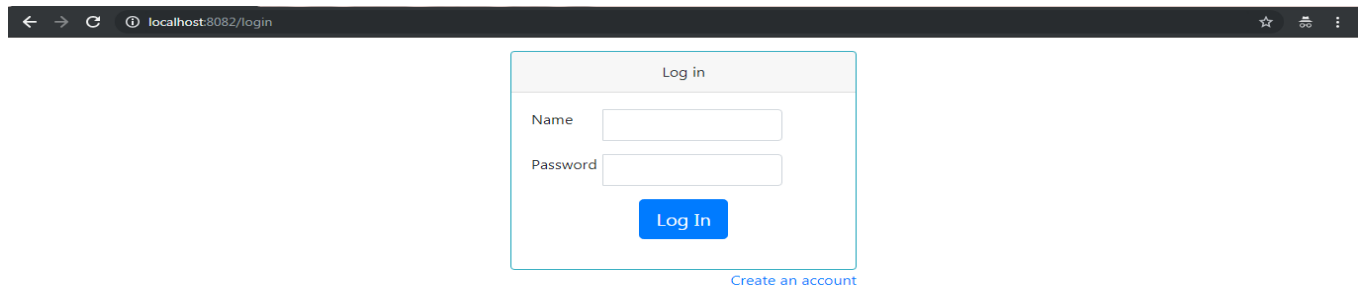
2.1.
:- Added Spring security in to the application.
:- Login page.
:-Login page is one admin or user can login to this form.
:-Based on the role of user it will redirect to the application.

2.2.

:-If user doesn't have account then using the create an account link they can
      register them self.
:-Using this form user can register.
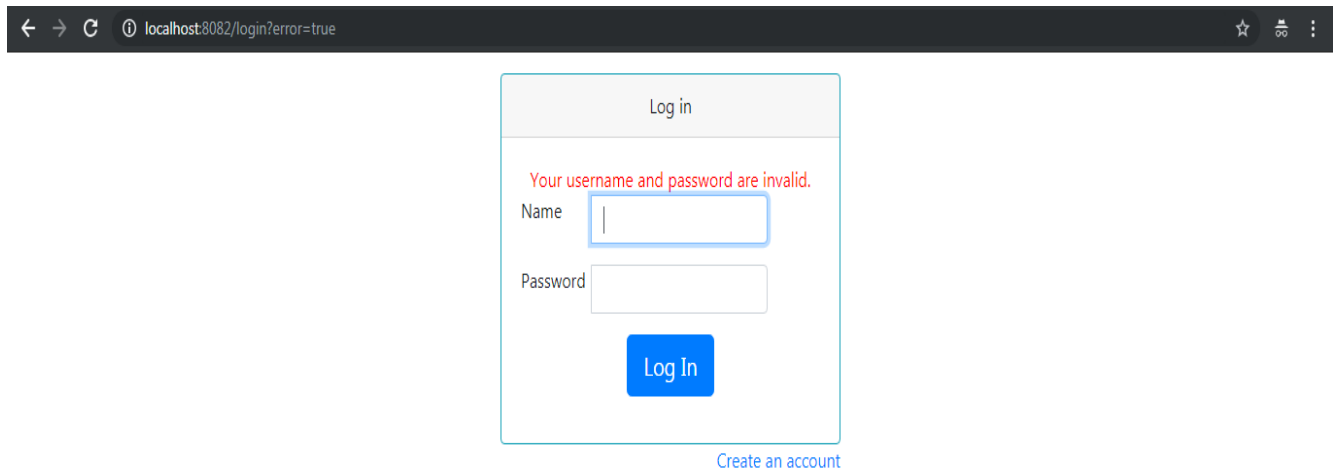
:- After registration user will redirect to the login page.

2.3.
:-If User insert invalid data then it will shows the error.

2.4.
:-After inserting correct username and password user can get authentication
and redirect to the user module.
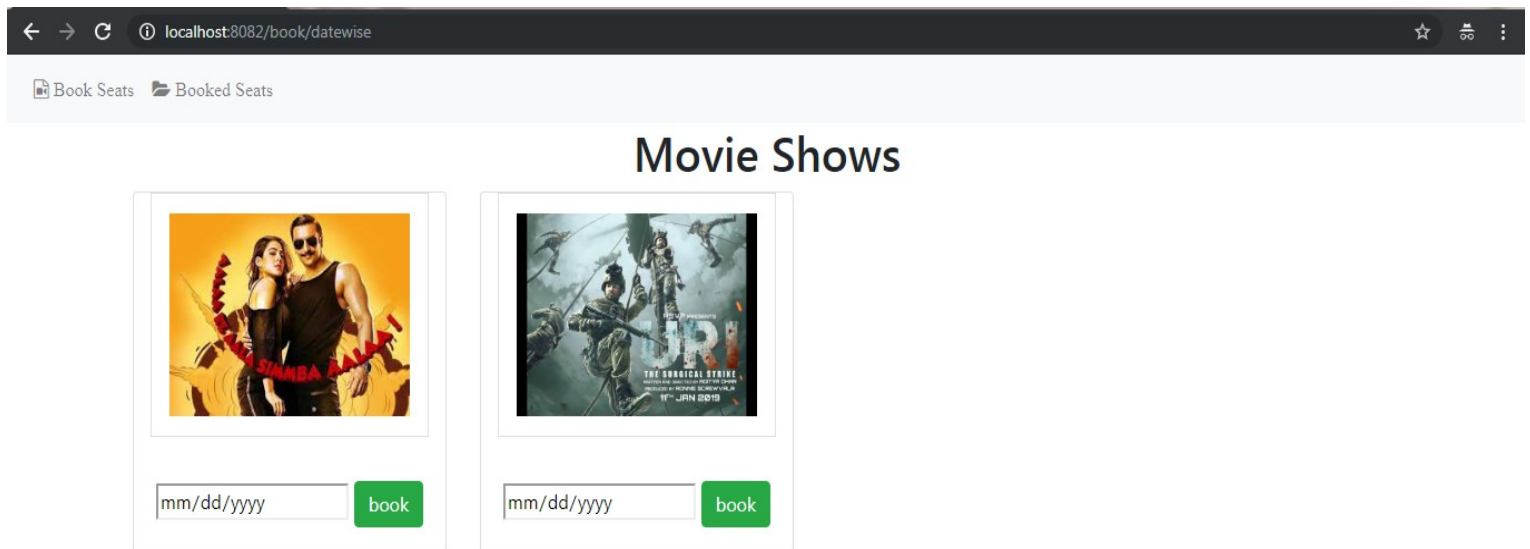
2.5.

:-User Can select the date and click on the button and then they get the total number of particular movies shows.

:-If is there were shows are not available then they got the message that no show found of this date using the custom exception handling.

{"date":"2019-02-05T13:26:00.382+0000","message":"no show found on the date of 2019-02-05","details":"uri=/book/getDatewise"}
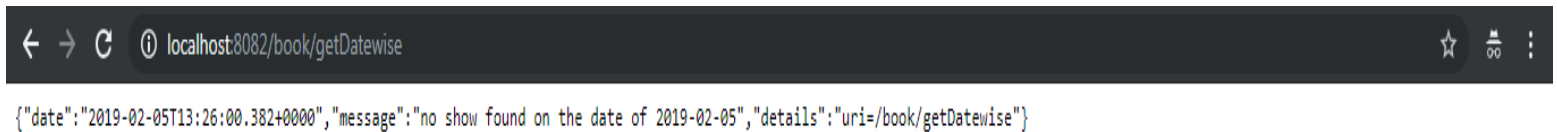
:- if there are show available then they got the total number of shows.

🎦 Book Seats 📂 Booked Seats

Total Shows

Book

10:00:00 Simba

Book

14:00:00 Simba
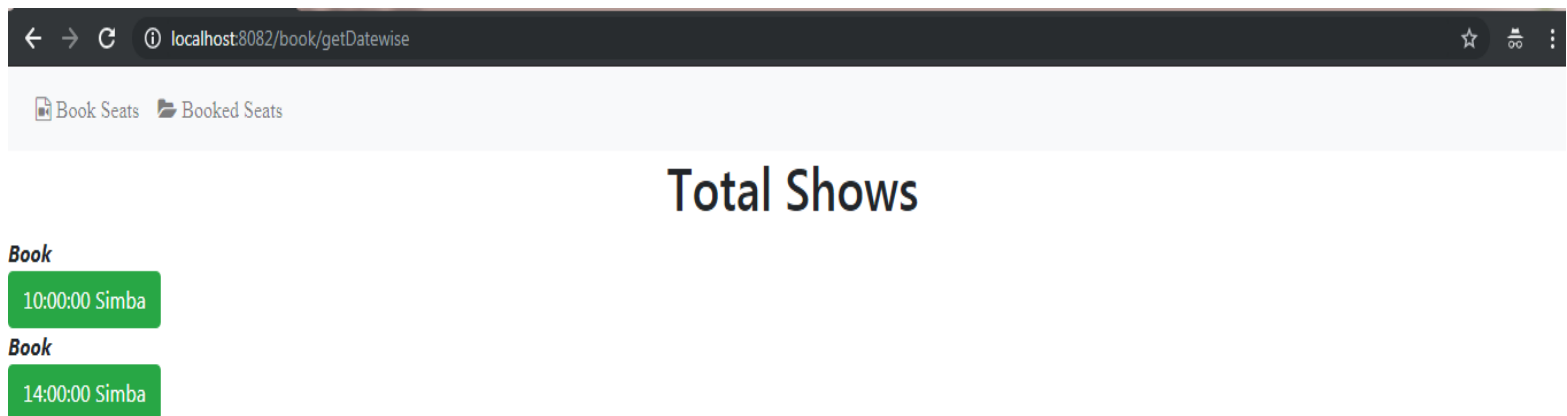
2.6.

:-When user select any particular show then there is one pop-up will generate
and user have to enter number of seats they want to book.
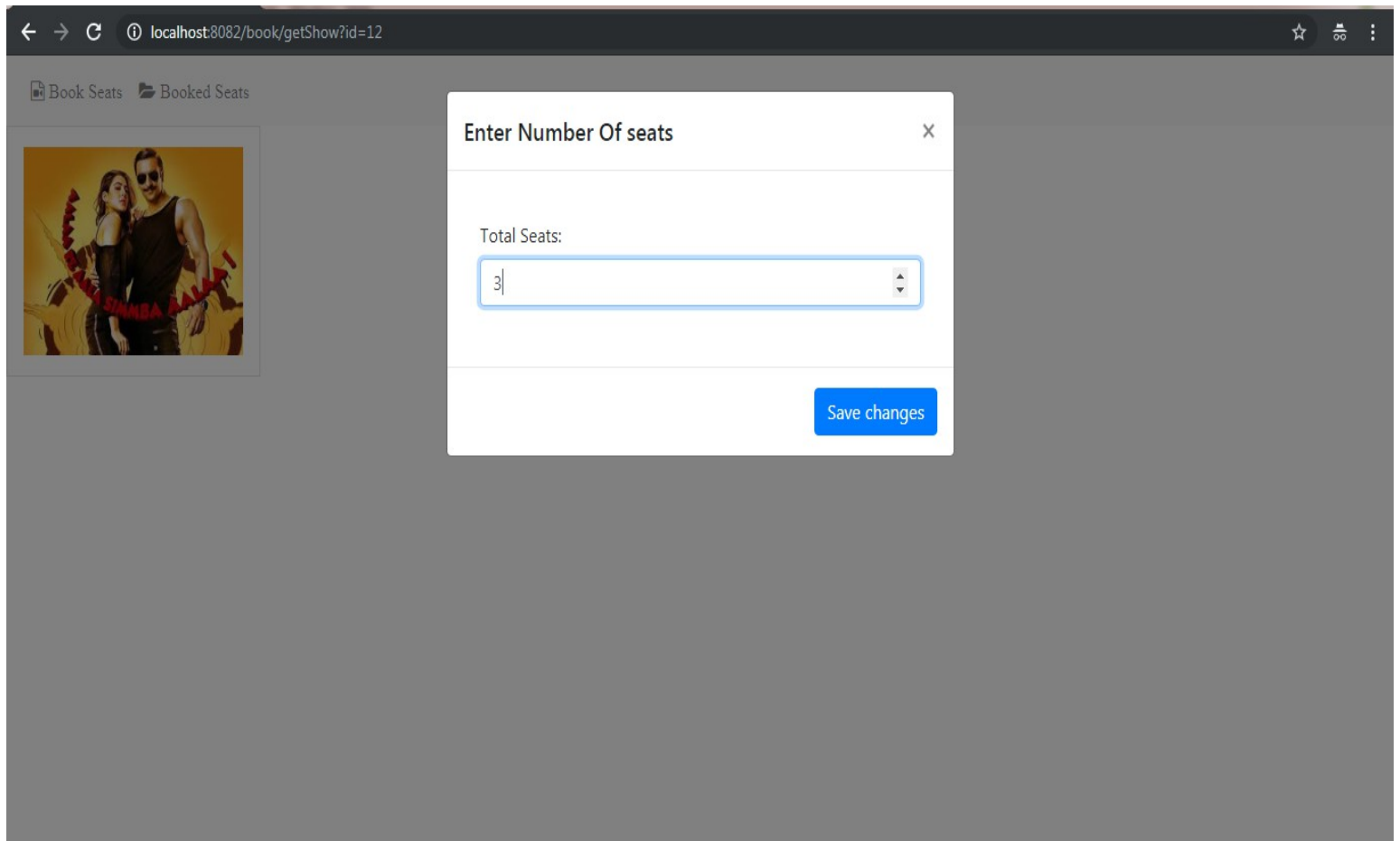
2.7.

:- After entering number of seats user have to select the total number of seats.

Book Seats   Booked Seats

Platinium Seats

booked	booked	booked	booked	p5	p6	p7	p8
p9	p10	p11	p12	p13	p14	p15	p16
p17	p18	p19	p20				

Silver Seats

| s1 | s2 | s3 | s4 | s5 | s6 | s7 | s8 |
| s9 | s10 | | | | | | |

Gold Seats

| g1 | g2 | g3 | g4 | g5 | g6 | g7 | g8 |
| g9 | g10 | | | | | | |

| 1400 | save |

2.8.

:-If user select more seats then they entered then they got a message that you can select this much seats only.

2.9.

:- If user select less seats then they entered so they get message that you have
to select total this number of seats.
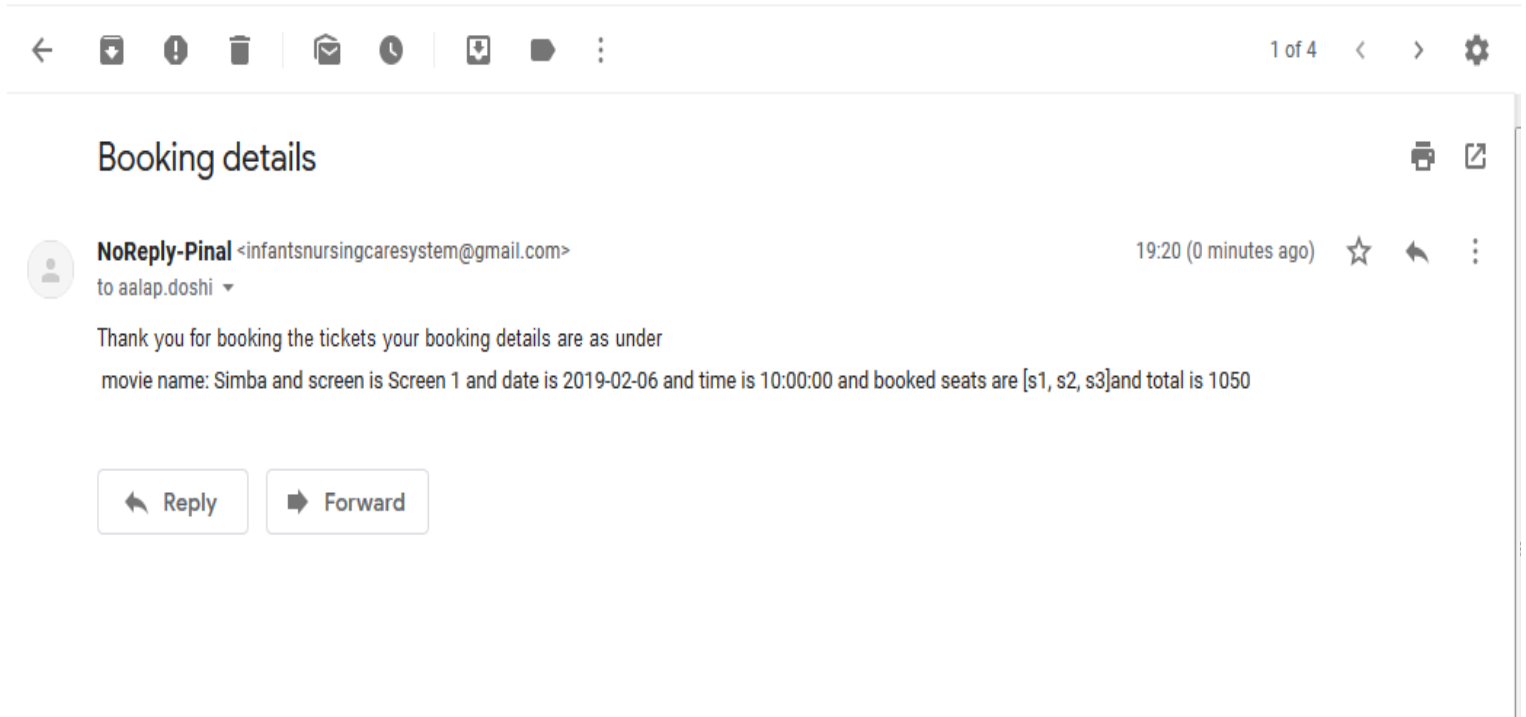
2.10.

:-If user select proper seats then it will valid and proceed ahead.

:- after that user get an email from the back-end with the details of the booking
with the total amount.

Booking details

NoReply-Pinal <infantsnursingcaresystem@gmail.com>   19:20 (0 minutes ago)

to aalap.doshi ▾

Thank you for booking the tickets your booking details are as under

movie name: Simba and screen is Screen 1 and date is 2019-02-06 and time is 10:00:00 and booked seats are [s1, s2, s3]and total is 1050

↰ Reply   ➡ Forward

2.11.

:-User can see the selected seats that booked by them.

2.12

:- User can see the history of the ticket-booking of them.

localhost:8082/user/booked

Book Seats   Booked Seats
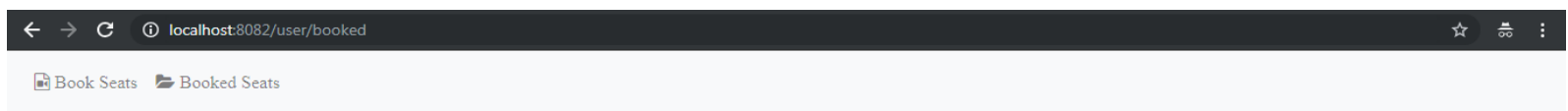
Boked Seats

ID	Movie Name	Screen Name	Date	Time	BookedSeats	Total
53	Simba	Screen 1	2019-02-06	10:00:00	[p1, p2, p3]	1050
54	Simba	Screen 1	2019-02-06	10:00:00	[s1, s2, s3]	1050

2.13.
:If user try to enter in to admin side then they got an access denied page.

localhost:8082/movie/list

Access Denied 403

The page you requested could not be authorize to you, either contact your admin or try again. Use your browsers **Back** button to navigate to the page you have previously come from

Or you could just press this neat little button:
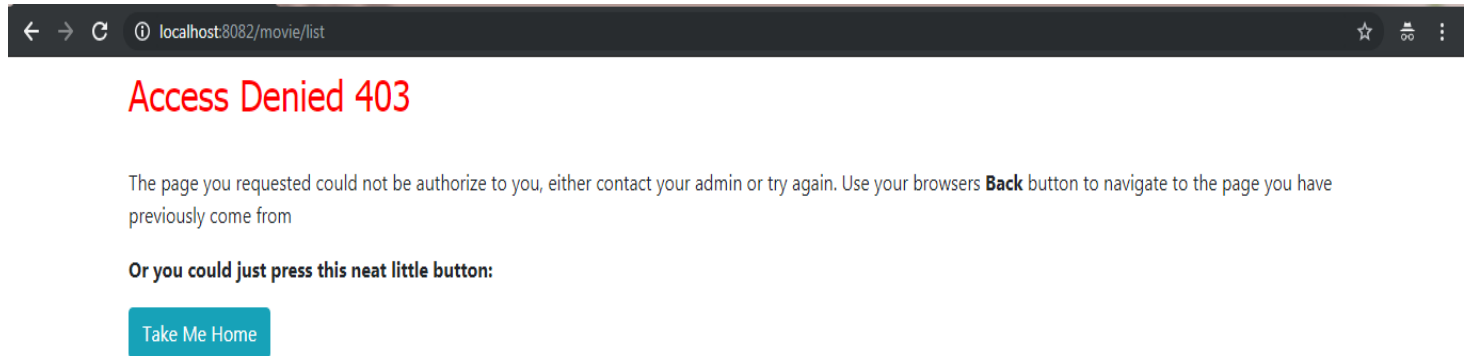
Take Me Home

2.14.

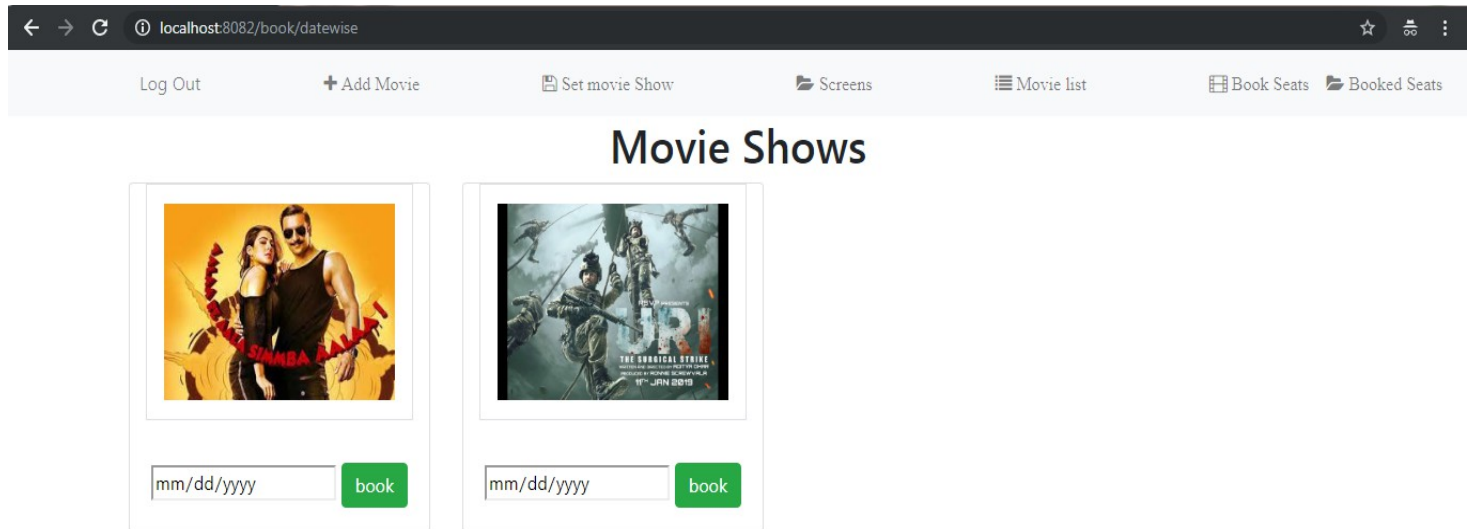:-By click on the take me home button user can redirect to the user module.

2.15.

:-Admin have different view in to the admin module.

:-Admin can perform any operation into the entire application.

:- They can also book the seats and get the emails and show the history.

2.16.

:- If admin edit the screen details and that is not presented into the database then using custom exception they get the message .

{"date":"2019-02-05T14:05:42.606+0000","message":" screen is not found with id 6","details":"uri=/screen/get/6"}

Future Work implementation.

:- front-end will be developed using angular.
:- Modules like Movie module, Show Management module, Booking module re-developed as a micro-services and its all accessible using one api gateway server.